Part 3

DESCRIPTION OF CHECKING AND ADJUSTMENT

CONTENTS

SERVICEMAN MODE 3- 2
1. Individual check mode 3- 2
2. Inkless timer change mode 3- 3

CHECKER BOARD 3- 4

ADJUSTMENT OF MECHANISM 3- 5
1. First paper feed area 3- 5
2. Second paper feed area 3-10
3. Print area 3-13
4. Drive mechanism area 3-18
5. Paper receiving area 3-26
6. Master-making area 3-27
7. Cutter and master loading motor assembly 3-31
8. Carrier and clamp area 3-33
9. Master removal area 3-36

ADJUSTMENT OF IMAGE SCANNER 3-38

ADJUSTMENT OF THERMAL POWER 3-42
1. Process of thermal head heating 3-42
2. Power switch position 3-43
3. 1st pulse adjustment 3-44
4. 2nd pulse adjustment 3-45

ADJUSTMENT OF OTHER SENSORS 3-46

ADJUSTMENT OF OTHER SENSORS

1. Master Detection Sensor (VR-2 on the PRI PCB)
(1) First set the Master Roll.
(2) Turn VR to the utmost right.
(3) Turn VR gradually to the left with the Master lifting 5 mm above the Master Guide Plate until LED has lit up, and then turn it a little further to the left.

2. Master End Sensor (VR-3 on the PRI PCB)
(1) Turn VR to the utmost right.
(2) Turn VR gradually to the left with two layers of Master on the Sensor until [REPLACE MASTER ROLL] has been displayed, and turn it back to the right a little.

3. Master Sensor (VR-4 on the PRI PCB)
(1) Rotate the Drum to the position where the Master is just under the Sensor.
(2) Turn VR to the utmost left.
(3) Turn VR gradually to the right until LED has lit up, and then turn it a little further to the right.

4. Original IN Sensor (VR-2 on the Master-making PCB)
Original OUT Sensor (VR-1 on the Master-making PCB)
(1) Check that nothing is under the Sensor.
(2) Turn VR to the utmost right.
(3) If [ORIGINAL JAM] has been displayed in this condition, turn VR gradually to the left till the display has disappeared. If no display appears, turn VR a little to the left from the utmost right position.

5. Master Removal Sensor (Sensor itself)
(1) Turn VR to the utmost right.
(2) Turn VR gradually to the left with two layers of Master on the Sensor untill LED has lit up, and then turn it back to the right a little.

6. Paper Sensor (Sensor itself)
(1) Turn VR to the utmost right.
(2) If LED is on in this condition, turn VR gradually to the left till LED has gone out, and then turn it a little further to the left. If LED is off in this condition, turn VR to the left a little.

7. Paper Receiving Sensor 1 (VR3510 on the Suction PCB)
Paper Receiving Sensor 2 (VR3511 on the Suction PCB)
(1) Turn VR to the utmost right.
(2) If LED is on in this condition, turn VR gradually to the left till LED has gone out, and then turn it a little further to the left. If LED is off in this condition, turn VR to the left a little.